

PREFACE

This book, with contributions from many world leaders in the field, is equally appropriate for graduate or research courses in biochemistry. The book has been extensively class-tested and includes tutorials in biology and biochemistry to aid students of varying backgrounds. This exciting new book will be a must-read for years to come for all students and researchers interested in the field of biological chemistry.

This volume also contains experiments related to the content of biological chemistry courses as well as basic/preparatory chemistry courses. These research studies give students an opportunity to go beyond the lectures and words in the textbook to experience the scientific process from which conclusions and theories are drawn.

This book:

- Focuses on fundamental and relevant connections between chemistry and life.
- Elegantly portrays the complementary nature of chemistry and biology. By describing biological processes in detailed chemical terms, the authors have provided a resource that provides an unparalleled look into the fascinating and emerging field of chemical biology.
- Satisfies a major need in chemistry curricula, bridging the gap between introductory organic chemistry and biochemistry/biology.
- Delivers need-to-know information in a succinct style for today's students.